

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF AN EMERGENCY-VEHICLE (FIREHOUSE) PRE-EMPTION PHASE AT THE INTERSECTION OF MD 924 AND PATTERSON MILL ROAD IN HARFORD COUNTY. MD 924 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTESEION CURRENTLY OPERATES IN A NEMA SIX-PHASE FULL-TRAFFIC-ACTVATED MODE WITH EXCLUSIVE-PERMISSIVE LEFT TURN PHASES FOR MD 924. DURING THE PRE-EMPTION PHASE THE PATTERSON MILL ROAD (WESTBOUND APPROACH) WILL BE GREEN.

SPECIAL NOTES

1. FIREHOUSE INTERNAL WIRING, CONDUITS AND PUSHBUTTONS WILL BE INSTALLED AS PART OF THE BUILDING SITE PROJECT PLANS. REFER TO HARFORD COUNTY PROJECT# _____/CONTRACT# _____.

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE FURNISHED BY THE SHA AND INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR. ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO THE OFFICE OF TRAFFIC AND SAFETY FOR APPROVAL PRIOR TO INSTALLATION.

QUANTITY	DESCRIPTION
1S	MAINTENANCE OF TRAFFIC
4 EA	ELECTRICAL HANDHOLE
325 LF	3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
40 LF	3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT- BORED
35 LF	WOOD SIGN SUPPORTS 4 IN. X 6 IN.
1000 LF	ELECTRICAL CABLE 3 - CONDUCTOR (NO. 14 A.W.G.)
2 EA	WH-8 (36" X 36") SIGN - GROUND MOUNT
2 EA	REMOVE EXISTING OVERHEAD SIGN

EQUIPMENT LIST "C"

C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLEY DRIVE, HANOVER, MARYLAND 21076. THE CONTRACTOR SHALL NOTIFY THE SHA AT (410) 787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

ALL SIGNAL EQUIPMENT TO BE REMOVED AND NOT RETURNED TO THE SHA SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

CONTACT PERSONS FOR DISTRICT 4 ARE AS FOLLOWS:

MS. ERIN KUHN
ASSISTANT DISTRICT ENGINEER - TRAFFIC
(410) 321-2761 / 2765

MR. ANDRE FUTRELL
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
(410) 321-2761

MR. MICHAEL PASQUARIELLO
UTILITY ENGINEER
(410) 321-2841

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF, SR.
CHIEF, TRAFFIC OPERATIONS
(410) 787-7630

MR. EUGENE BAILEY
TEAM LEADER SIGN OPERATIONS
(410) 787-7676

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF,
TRAFFIC OPERATIONS
(410) 787-7631

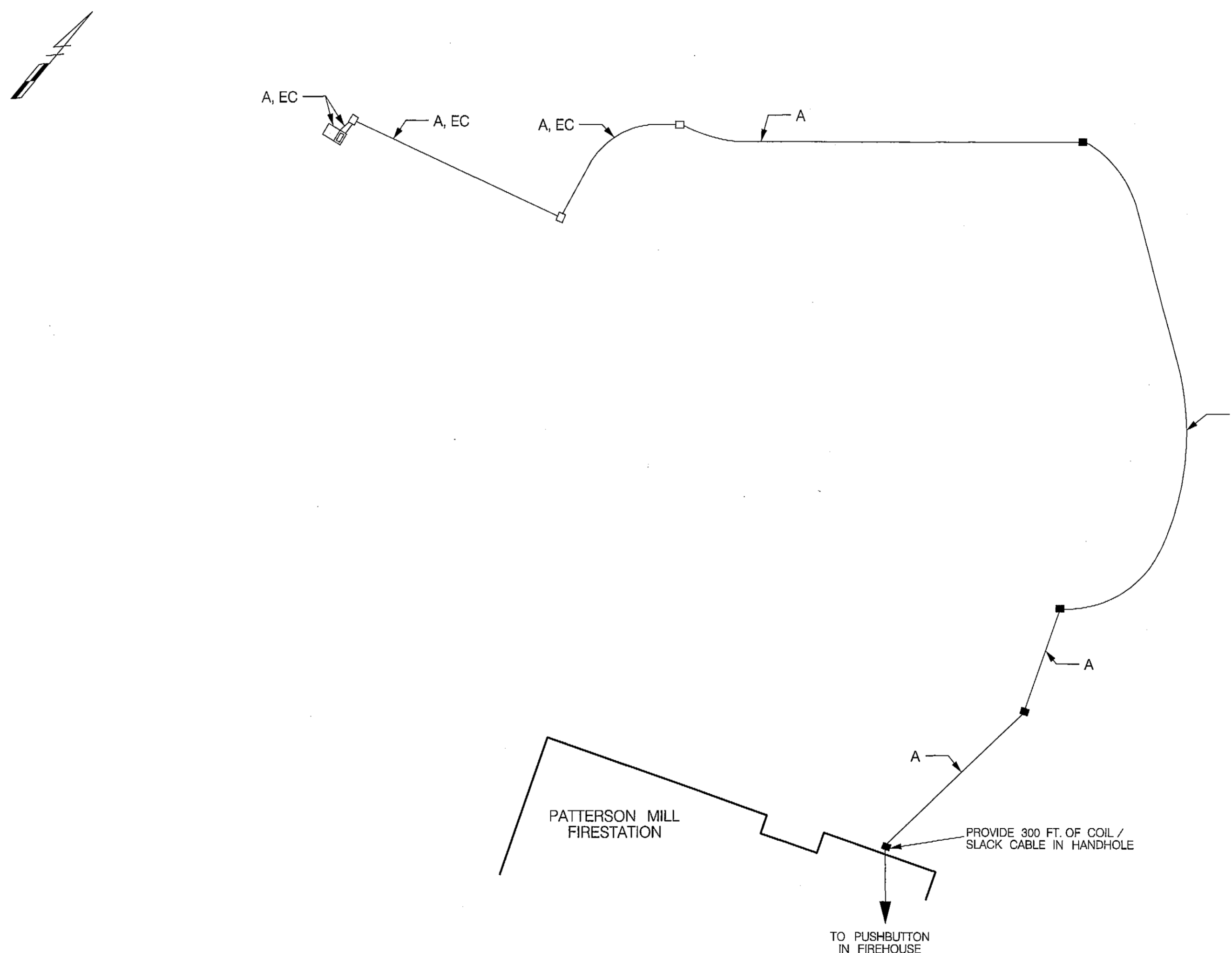
MS. DARLENE EIDE
SUPPLY OFFICE
SIGNAL SHOP WAREHOUSE
(410) 787-7668

MR. ED RODENHIZER
CHIEF - SIGNAL OPERATIONS SECTION
(410) 787-7652

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11
PHASE 1 & 5	R	R	R	R	R	R	R	R	R	R	R
5 CHANGE	G	G	G	G	G	G	G	G	G	G	G
PHASE 1 & 6	R	R	R	R	R	R	R	R	R	R	R
1 CHANGE	G	G	G	G	G	G	G	G	G	G	G
PHASE 2 & 5	R	R	R	R	R	R	R	R	R	R	R
5 CHANGE	G	G	G	G	G	G	G	G	G	G	G
PHASE 2 & 6	R	R	R	R	R	R	R	R	R	R	R
2 & 6 CHANGE	G	G	G	G	G	G	G	G	G	G	G
PHASE 4 & 8	R	R	R	R	R	R	R	R	R	R	R
4 & 8 CHANGE	G	G	G	G	G	G	G	G	G	G	G
PRE-EMPTION	R	R	R	R	R	R	R	R	R	R	R
CHANGE	G	G	G	G	G	G	G	G	G	G	G
FLASHING OPERATION	FLY	FLY	FLY	FLY	FLY	FLY	FLY	FLY	FLY	FLY	FLY

WIRING DIAGRAM



WIRING KEY

A 3-CONDUCTOR ELECTRICAL CABLE
(NO. 14 A.W.G.)
EC EXISTING CABLE



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 924 AND PATTERSON MILL RD./
BARRINGTON PL.

GENERAL INFORMATION PLAN

SCALE	NONE	DATE	10-7-09	CONTRACT NO.	BW996M82
DESIGNED BY	T.ZAYDEL	COUNTY	HARFORD		
DRAWN BY	J.K. SCHMID / B. BYRD	LOGMILE	120924003.22		
CHECKED BY	K. SCHMID	T.I.M.S. NO.			
F.A.P. NO.	N/A	TOD NO.			
DRAWING NO.	TS-4348A GI 2	SHEET NO.	3	OF	3

TRAFFIC CONCEPTS, INC.

325 Gambrills Road
Suite B
Gambrills, MD 21054
(410) 923-7101
FAX: (410) 923-6473
EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

FILE PATH: M:\2400\2463\SIGNAL\just-ic&int.dgn
DATE: Tuesday, October 20, 2009 AT 11:43 AM